

PROJECT TITLE : Pilot Plant Operations  
PERIOD COVERED : January 28th - February 29th, 1980  
WRITTEN BY : C. Ruf

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1. Equipment

1.1. Extraction

1.1.1. Since trial NINO 54 the stems are broken in the primary (threshing) instead of being hammermilled in the pilot plant. The hammermill was moved away in order to have more space for the rented strips extractor.

1.1.2. A new basket filter was installed to clean up the liquor at the outlet of the extractor.

1.2. Drying

In order to reduce the ambient heat in the pilot plant, a suction hood was installed above the dryer. It seems to be efficient but it prevents checking on an eventual smoke emission (if the stems are overheated for example). The installation of a smoke detector is being studied.

1.3. Evaporation

During the trial NINO 54 a paddle of a vacuum-pump broke. The wheel was summarily repaired and will be replaced as soon as the ordered spare part arrives.

1.4. Control

Due to a wrong electrical wiring the extract flow integrators were slightly damaged and had to be returned to the supplier. At the beginning of trial NINO 55 they were re-installed and functioned correctly.

2. Personnel

A lab technician apprentice, Mr. J.-L. Favre, began work in our laboratory on February 27th. He will be occupied in the pilot plant until the end of April, as a part of his training program.

PROCESS DEVELOPMENT



C. Ruf

March 4th, 1980  
CLR/sde

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